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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/843,888	04/30/2001	Lawrence M. Besaw	10006664-1	1150

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EXAMINER

BATES, KEVIN T

ART UNIT PAPER NUMBER

2155

DATE MAILED: 03/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/843,888

Applicant(s)

BESAW, LAWRENCE M.

Examiner

Kevin Bates

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 09 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 20-51 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 20-51 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

***Response to Amendment***

This Office Action is in response to a communication made on January 9, 2006.

Claims 1-19 have been cancelled.

Claims 20 – 51 are pending in this application.

***Specification***

The Amendment to the specification clear up the objections made.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 20-51 are rejected under 35 U.S.C. 103(a) as being unpatentable over Polizzi in view of Grau (5910803).**

**Regarding claims 20 and 43,** Polizzi teaches a method for providing customers of a network management portal secure access to customer information over a network (Column 3, lines 61 – 67), comprising:

allocating to each customer memory space in a secure storage area (Column 2, line 66 – Column 3, line 9; Column 10, lines 55 – 60) in a remote network node (Column 3, lines 65 – 67);

storing in a first memory space allocated to a first customer information resulting from performance of a network management transaction by a web application executed for said first customer (Column 10, line 66 – Column 11, line 1; Column 6, line 65 – Column 7, line 1) wherein the information stored in the first memory space comprises information for display to the customer (Column 2, lines 47 – 49);

transmitting to a requesting web browser a web page having an embedded link to said web application and said first customer information (Column 6, line 65 – 66; Column 12, lines 13 – 16);

determining, by a security module invoked by said web browser, whether a requestor has been authenticated as said first customer by said portal, and, if not, requesting verification information from said requestor;

comparing, by said web application, previously-inputted or said requested verification information against said first customer's information stored in a user configuration database to authenticate said requestor; and

permitting, by said web application, said requestor access to said first memory space when said verification information matches said particular customer's information in said database (Column 11, lines 17 – 41; Column 5, lines 43 – 46) such that the customer may view the stored information for display (Column 2, lines 47 – 49).

Polizzi does not explicitly indicate that said network management transaction comprises gathering network information regarding a partition of the network allocated to said first customer.

Grau teaches a network management system that includes a portal (Column 4, lines 61 – 67) that comprises gathering network information regarding a partition of a network and uses this gathered information in a display for the user (Column 1, lines 58 – 67; Column 5, lines 10 – 25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use Grau's teaching of a topology application for network management in Polizzi's system in order to improve Polizzi's portal system and to allow it to function with different applications other than enterprise application system, such as Grau's topology application, while still having Polizzi's security system and user customizable displays.

**Regarding claim 33**, Polizzi teaches a management information portal for providing customers access to customer information over a network (Column 3, lines 61 – 67), comprising:

- at least one processor;
- a secure data storage device coupled to said at least one processor;
- a user configuration database of customer verification information;
- a security module configured to determine whether a requestor has been previously authenticated, and, if not, to request verification information from said requestor (Column 22, line 66 – Column 23, line 7; Column 11, lines 17 – 41); and
- a web application configured to allocate to each customer dedicated memory space in said secure data storage device (Column 2, line 66 – Column 3, line 9; Column 10, lines 55 – 60), and to store in memory space allocated to a first customer

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information resulting from performance of a network management transaction by said web application executed for said first customer (Column 10, line 66 – Column 11, line 1; Column 6, line 65 – Column 7, line 1) wherein the information stored in the first memory space comprises information for display to the customer (Column 2, lines 47 – 49), to transmit to a web browser a web page having an embedded link to said web application and said first customer information (Column 6, line 65 – 66; Column 12, lines 13 – 16); to compare previously-inputted or said requested verification information against said first customer's information stored in said database to authenticate said requestor; and to permit said requestor access to said first memory space when said requested verification information matches said first customer's information in said database (Column 11, lines 17 – 41; Column 5, lines 43 – 46) such that the customer may view the stored information for display (Column 2, lines 47 – 49).

Polizzi does not explicitly indicate that said network management transaction comprises gathering network information regarding a partition of the network allocated to said first customer.

Grau teaches a network management system that includes a portal (Column 4, lines 61 – 67) that comprises gathering network information regarding a partition of a network and uses this gathered information in a display for the user (Column 1, lines 58 – 67; Column 5, lines 10 – 25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use Grau's teaching of a topology application for network management in Polizzi's system in order to improve Polizzi's portal system and to allow

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it to function with different applications other than enterprise application system, such as Grau's topology application, while still having Polizzi's security system and user customizable displays.

**Regarding claims 21 and 44**, Polizzi teaches the method of claims 20 and 43, wherein determining whether a requestor has been authenticated as said first customer comprises: invoking said security module in response to said web browser parsing an attribute in said web application link during activation of said web page by said web browser (Column 22, line 66 – Column 23, line 7); determining whether said requestor has been authenticated or logged into said portal as said first customer; and when said requestor is not authenticated or logged into said portal as said first customer, requesting, by said security module, that said requestor input verification information (Column 22, line 66 – Column 23, line 7).

**Regarding claim 23 and 46**, Polizzi teaches the method of claims 20 and 43, wherein prior to storing in said first memory space information resulting from performance of a network management transaction, the method further comprises: providing to each of the customers at least one network service comprising at least one network management service for one or more of the at least one network service (Column 11, lines 63 – 65).

**Regarding claim 24**, Polizzi teaches the method of claim 23, wherein said at least one network service further comprises one or more of Internet service and email service (Column 11, lines 63 – 65).

**Regarding claim 25**, Polizzi teaches the method of claim 23, wherein said at least one network management service comprises at least one of either monitoring and troubleshooting for said at least one network service provided to each of the customers (Column 14, line 45 – Column 15, line 2).

**Regarding claims 26, 36, and 47**, Polizzi teaches the method of claims 20, 33, and 43, wherein that said network management transaction comprises at least **one of a group** consisting of: generating a network topology map for a partition of the network allocated to said first customer; generating a status report based on inputs provided by said first customer (Column 6, line 61 – Column 7, line 1); and displaying performance attributes selected by said first customer.

**Regarding claims 27, 37, and 48**, Polizzi teaches the method of claims 20, 33, and 43, wherein said remote network node comprises said network management portal (Column 3, lines 61 – 67).

**Regarding claims 28, 38, and 49**, Polizzi teaches the method of claims 20, 33, and 43, wherein said web application comprises at least one of either a common gateway interface (CGI) program (Column 3, line 67 – Column 4, line 11) and a Java servlet (Column 4, lines 19 – 21).

**Regarding claims 29, 39, and 50**, Polizzi teaches the method of claims 20, 33, and 43, wherein said web application link comprises a hypertext link (Column 12, lines 13 – 16).



**Regarding claims 30 and 40**, Polizzi teaches the method of claims 20 and 43, wherein said first customer information comprises at least one of either images or data (Column 10, lines 66 – 67).

**Regarding claims 31 and 41**, Polizzi teaches the method of claims 20 and 43, wherein said first customer comprises at least one of a group consisting of a management information system group, a network administrator, and an organization (Column 5, lines 43 – 46).

**Regarding claims 32, 42, and 51**, Polizzi teaches the method of claims 20 and 43, wherein said verification information comprises at least one of either a customer identifier and a customer password (Column 11, lines 25 – 27).

**Regarding claim 34**, Polizzi teaches the portal of claim 33, wherein said web application link comprises an attribute the parsing of which causes invocation of said security application (Column 11, lines 20 – 25).

**Regarding claims 22, 35, and 45**, Polizzi teaches the method of claims 20, 33, and 43.

Polizzi does not explicitly indicate that storing in a first memory space allocated to a first customer information resulting from performance of a network management transaction comprises: receiving a request from said first customer to generate a topology map; display a list of topology map options for said requested topology; gather from the network topology map-related information based on customer-specified topology map options; and storing in said first memory space said topology map-related information.

Grau teaches receiving a request from said first customer to generate a topology map; display a list of topology map options for said requested topology map; gather from the network topology map-related information based on customer-specified topology map options (Column 7, lines 47 – 65); and storing in said first memory space said topology map-related information (Column 1, lines 58 – 67; Column 5, lines 10 – 25).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to use Grau's teaching of a topology application for network management in Polizzi's system in order to improve Polizzi's portal system and to allow it to function with different applications other than enterprise application system, such as Grau's topology application, while still having Polizzi's security system and user customizable displays.

### ***Response to Arguments***

Applicant's arguments with respect to the 112 second paragraph rejection are persuasive and the rejection has been removed.

Applicant's arguments with respect to claims 20-51 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Bates whose telephone number is (571) 272-3980. The examiner can normally be reached on 8 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on (571) 272-4006. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KB  
March 8, 2006

  
SALEH NAJJAR  
SUPERVISORY PATENT EXAMINER